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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/527,008	03/07/2005	Thomas Falck	DE 020205	1123

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EXAMINER

HO, BAO QUAN T

ART UNIT	PAPER NUMBER
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2629

MAIL DATE	DELIVERY MODE
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02/04/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/527,008

Applicant(s)

FALCK ET AL.

Examiner

Bao-Quan T. Ho

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 March 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 March 2005 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Drawings

2. The drawings are objected to because Fig. 2 does not label the rectangular boxes as required by 37 CFR 1.83(a). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.
4. The abstract of the disclosure does not commence on a separate sheet in accordance with 37 CFR 1.52(b)(4). A new abstract of the disclosure is required and must be presented on a separate sheet, apart from any other text.
5. The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.
- (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC.
- (f) BACKGROUND OF THE INVENTION.
 - (1) Field of the Invention.
 - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (g) BRIEF SUMMARY OF THE INVENTION.
- (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (i) DETAILED DESCRIPTION OF THE INVENTION.
- (j) CLAIM OR CLAIMS (commencing on a separate sheet).
- (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

Claim Objections

6. Claims 1-10 are objected to because of the following informalities:
- a. The use of parentheses in claims 1-10 are improper since parentheses are used only for the reference characters (see MPEP 608.01(m)).
 - b. The use of dash symbols (-) at the beginning of each paragraph in the claims 1-10 should be avoided so that it eliminates the complex claim format.
 - c. Claim 1, lines 6-10, recites "a display unit (24)" and "a display unit (18)". It is not clear from the claimed language that both display unit (24) and display unit (18) are the same one display unit. It appears that they are different from each other. The "display unit (24)" would be better represented as a "first display unit", and the "display unit (18)" would be represented as a "second display unit".
 - d. Claims 7-10, the reference term "display unit" has the same problem as discussed above.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claims 1-4 and 6-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Naden, PCT Publication WO 20001/56264 A.

As to claim 1, Naden discloses in Fig. 1 a system for displaying images, wherein

a mobile apparatus (PDA 4a) is wirelessly (RF connection with use of PDA antenna 20, Fig. 2, and Projector antenna 36, Fig. 3) connected to an image display apparatus (Digital Projection System 10),

the mobile apparatus (4a) controls a reproduction unit (Communication & Control Unit 32, Page 4 lines 17-22) of the image display apparatus (10) in such a way that images are displayed by a display unit (Projector 12, Page 4 lines 25-26) of the image display apparatus (10), and

a representation of an image displayed by the display unit (12) is transmitted to the mobile apparatus (4a-4c) in which it is displayed by a display unit (display 30, Page 4 lines 11-13).

As to claim 2, Naden discloses wherein the reproduction unit (32) is provided for reproducing data in the form of a presentation comprising a plurality of consecutive images (the communication & control unit 32 is used to receive information, such as PowerPoint™ files which contain multiple images, from PDA 4a),

the mobile apparatus (4a) predetermines the transition from one image to the next (the user controls PDA 4a to review and select images to be shown, Page 4 lines 11-13).

As to claim 3, Naden discloses wherein

the image display apparatus (10) is connected to a network (MAC 34, RF link between PDA transceiver 6a and projection-system transceiver 8, Page 6 lines 13-25), and

the mobile apparatus (4a) transmits an address of data (graphics data signal 40 and control signal 42, Page 4 lines 18-20) within the network to the reproduction unit (32),

the reproduction unit (32) reads in the data via the network (MAC 34).

As to claim 4, Naden discloses in Fig. 2 wherein the data are stored (mass memory unit 33, Page 4 lines 8-9) in the mobile apparatus (4a).

As to claim 6, Naden discloses wherein the image display apparatus (10) is wire-connected (Ethernet, Page 5 lines 28-20) to a network (MAC 34).

As to claim 7, Naden discloses in Fig. 2 wherein the mobile apparatus (4a) at least comprises the display unit (30), a memory (33), a central unit (26) and input means (keyboard 28).

As to claim 8, Naden discloses in Fig. 3 wherein the display unit (12) comprises a device (Lens 54) for projecting an image on a projection face (Screen 16).

As to claim 9, Naden discloses in fig. 1 and 3 an image display apparatus (10) for use in a system as claimed in claim 1, the apparatus comprising

a reproduction unit (32) for processing presentation data (graphics data signal 40, Page 4 lines 18-20) and for generating images therefrom, and

a display unit (12) for displaying the images,

a wireless interface (RF communication, Page 4 lines 14-26) for inputting and outputting data,

wherein the image display apparatus (10) is designed for a representation of an image displayed by the display unit (12) is generated and outputted via the interface (32, Page 4 lines 14-26).

As to claim 10, Naden discloses a method of displaying images, wherein a reproduction unit (32) of an image display apparatus (10) is controlled by a mobile apparatus (4a) in such a way that images are displayed by a display unit (12) of the image display apparatus (10), and

a representation of an image displayed by the display unit (12) is transmitted from the image display apparatus (10) to the mobile apparatus (4a) in which it is displayed by a display unit (30, Page 4 lines 11-13).

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Naden in view of Chen et al. (hereafter referenced as Chen), US Patent 6,249,281.

As to claim 5, Naden discloses a system as claimed in claim 1, but does not specifically disclose wherein the reproduction unit (32) is controlled in such a way that the images of a plurality of presentations are simultaneously displayed on top of each other and/or side by side.

However, Chen discloses a reproduction unit (GUI 340) is controlled in such a way that the images of a plurality of presentations are simultaneously displayed on top of each other and/or side by side (Fig. 5, a primary slide window 510 is on top and a thumbnail area 540 is on the bottom with multiple slides side by side), col. 5 lines 40-67 to col. 6 lines 1-3).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention was made to have modified the GUI presentation with a thumbnail area as taught by Cheng to be placed in the PowerPoint™ slides of Naden for the purpose of allowing users to jump to different slides within the presentation to save time.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Olson et al., US Pub. 2003/0117587, is cited to a wireless presentation system.

Roslak et al., US Pub. 2003/0120849, is cited to a PDA presentation system.

McCullough, US Patent 5,539,658, is cited to a wireless presentation system.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bao-Quan T. Ho whose telephone number is (571) 270-3264. The examiner can normally be reached on M-F, 7:30 am to 5:00 pm EST, alt. Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chanh D. Nguyen can be reached on (571) 272-7772. The fax phone


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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BTH


CHANH D. NGUYEN
SUPERVISORY PATENT EXAMINER